

## ABSTRACT

The present invention provides a process for preparing a fluorine containing copolymer by an emulsion polymerization method in the presence of aqueous ammonia as a pH modifier, and  
5 a molded article obtainable by melt molding or crosslinking molding the fluorine containing copolymer.

In preparing the fluorine containing copolymer by coagulation of the fluorine containing copolymer contained in a fluorine containing copolymer dispersed aqueous solution, it  
10 is preferred to use a cationic surfactant and a water soluble organic solvent as a coagulating agent used for the above coagulation. The above surfactant is preferably represented by the formula  $(R_4N^+)X^-$  wherein R is an alkyl group of 1 to 22 carbon atoms, a fluoroalkyl group obtainable by fluorine  
15 substituting at least a part of hydrogen atoms present in the above alkyl group or hydrogen, four R's may be the same or different provided that they are not hydrogen atoms simultaneously, and X is a halogen atom.

Furthermore, the present invention provides a process for  
20 preparing a fluorine containing copolymer having a decreased concentration of metal elements, which will be an impurity source, for example, having a metal element concentration of not more than 1 ppm.